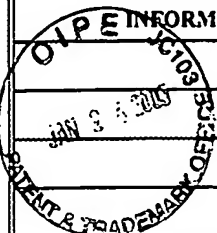


U.S. Department of Commerce, Patent and Trademark Office				Attorney Docket No.: 089-0001-1		
				Application No.: 10/768,767		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s): Miner et al.		
(Use several sheets if necessary)				Filing Date: January 30, 2004		
				Group Art Unit: Unknown 374		
				Date Submitted: June 28, 2004		
U.S. Patent Documents						
*Examiner Initial		Document Number	Date	Name		
WJ	1	3,654,528	Apr. 4, 1972	Barkan		
	2	4,177,015	Dec. 4, 1979	Davidson		
	3	4,688,147	Aug. 18, 1987	Ono		
	4	5,184,211	Feb. 2, 1993	Fox		
	5	5,943,211	Aug. 24, 1999	Havey et al.		
	6	6,021,844	Feb. 8, 2000	Batchelder		
WJ	7	6,175,495	Jan. 16, 2001	Batchelder		
Foreign Patent Documents						
					Translation	
		Document	Date	Country	Yes	No
WJ	8	JP360004244A	Jan. 10, 1985	JP	abstract	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
Examiner		Date Considered				
WJ		12/1/05				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.						

PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0001-1				
		Application No.: 10/768,767				
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		First Named Inventor: Andrew Carl Miner et al.				
		Filing Date: January 30, 2004				
		Group Art Unit: 3742				
		Examiner Name: Teresa J. Walberg				
		Date Submitted: January 19, 2005				
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
WJ		US-3,654,528	04-04-1972	Barkan		
		US-4,177,015	12-04-1979	Davidson		
		US-4,065,936	01-03-1978-	Fenton		
		US-4,688,147	08-18-1987	Ono		
		US-5,184,211	02-02-1993	Fox		
		US-5,943,211	04-24-1999	Havey		
		US-5,993,164	11-30-1999	Diaz		
		US-6,021,844	02-08-2000	Batchelder		
		US-6,065,293	05-23-2000	Ghoshal		
		US-6,105,381	08-22-2000	Ghoshal		
		US-6,119,463	09-19-2000	Bell		
		US-6,161,388	12-19-2000	Ghoshal		
		US-6,175,495	01-16-2001	Batchelder		
		US-6,222,113	04-24-2001	Ghoshal		
	WJ		US-6,256,996	07-10-2001	Ghoshal	
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
WJ		JP06188682A	07-08-1994	Chikugi et al.		
Examiner Signature		Date Considered		12/11/05		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0001-1				
		Application No.: 10/768,767				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Andrew Carl Miner et al.				
(Use several sheets if necessary)		Filing Date: January 30, 2004				
		Group Art Unit: 3742				
		Examiner Name: Teresa J. Walberg				
		Date Submitted: January 19, 2005				
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
WJ		US-6,266,962	07-31-2001	Ghoshal		
		US-6,282,907	09-04-2001	Ghoshal		
		US-6,384,312	05-07-2002	Ghoshal		
		US-6,452,740	09-17-2002	Ghoshal		
		US-6,474,074	05-30-2002	Ghoshal		
		US-6,588,217	07-08-2003	Ghoshal		
		US-6,597,544	07-22-2003	Ghoshal		
		US-6,598,403	07-29-2003	Ghoshal		
		US-6,598,405	07-29-2003	Bell		
		US-6,613,602	09-02-2003	Cooper et al.		
		US-6,614,109	09-02-2003	Cordes et al.		
		US-6,625,866	08-19-2003	Bell		
		US-6,658,861	12-09-2003	Ghoshal et al.		
		US-6,672,076	01-06-2004	Bell		
		US 2004/0031514 A1	02-19-2004	Bell		
	WJ		US-6,712,258	03-30-2004	Ghoshal	
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
Examiner Signature		Date Considered		12/11/05		

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 089-0001-1	
		Application No.: 10/768,767	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Andrew Carl Miner et al.	
(Use several sheets if necessary)		Filing Date: January 30, 2004	
		Group Art Unit: 3742	
		Examiner Name: Teresa J. Walberg	
		Date Submitted: January 19, 2004	
NON PATENT LITERATURE DOCUMENTS			
Examiner Initial*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ms	1	V. ZAKORDONETS and G. LOGINOV, "Thermoelectric figure of merit of monopolar semiconductors with finite dimensions," <i>Semiconductors</i> , vol. 31, pp. 265-267, March 1997.	
ms	2	D.M. ROWE (ed.), <i>CRC Handbook of Thermoelectrics</i> , CRC Press (New York), 1995, pp. 479-488.	
ms	3	ADIRAN BEJAN (ed.), <i>Advanced Engineering Thermodynamics</i> , 2nd Edition, John Wiley & Sons, Inc. (New York), 1997, pp. 675-682.	
ms	4	MICHAEL COEY and DENIS WEAIRE, "Magnets, Markets and Magic Cylinders", <i>The Industrial Physicist</i> , Volume 4, Number 3, September 1998, pp. 34-36.	
ms	5	Tellurex Corporation, "Frequently Asked Questions about Thermoelectric Power Generation," http://www.tellurex.com , © 2002, printed Dec. 1, 2004.	
Examiner Signature	ms		Date Considered 12/1/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

[illegible]

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPPEP 901.04.

³ Enter Office that issued the document, by the two-letter Code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with WPSP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 Applicant's unique citation designation number (optional)
 * See Kisha Code of USPTO Patent Documents at www.uspto.gov or WPSP 901.04.
 * Enter Office that issued the document, by the two-letter Code (WIPO Standard ST.3).
 * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
 * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.
 * Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 132 and 37 CFR 1.14.